

NOTES:

1. COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:
1 - 99 PARTS MOUNTED ON THE CHASSIS.
100 - 199 PARTS MOUNTED ON THE KEYBOARD CIRCUIT BOARD.
200 - 299 PARTS MOUNTED ON THE CPU CIRCUIT BOARD.
300 - 399 PARTS MOUNTED ON THE POWER/SENSE CIRCUIT BOARD.
2. ALL RESISTORS ARE RATED 1/4-WATT AND HAVE A 5 PERCENT TOLERANCE UNLESS OTHERWISE NOTED. RESISTOR VALUES ARE IN OHMS. (K=1,000; M=1,000,000).
3. CAPACITOR VALUES LESS THAN 1 ARE IN UF (MICROFARADS). ALL OTHER CAPACITOR VALUES ARE IN PF (PICOFARADS) UNLESS OTHERWISE NOTED.
4. THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
5. THIS SYMBOL INDICATES CHASSIS GROUND.
6. REFER TO THE CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.

HEATHKIT
HEAD JR. ROBOT
MODEL RT-1
INTERCONNECT DRAWING
SHEET 1 OF 4

PART OF 545-3271

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HEATHKIT
HERO JR. ROBOT
MODEL RT-1
KEYBOARD
SHEET 2 OF 4

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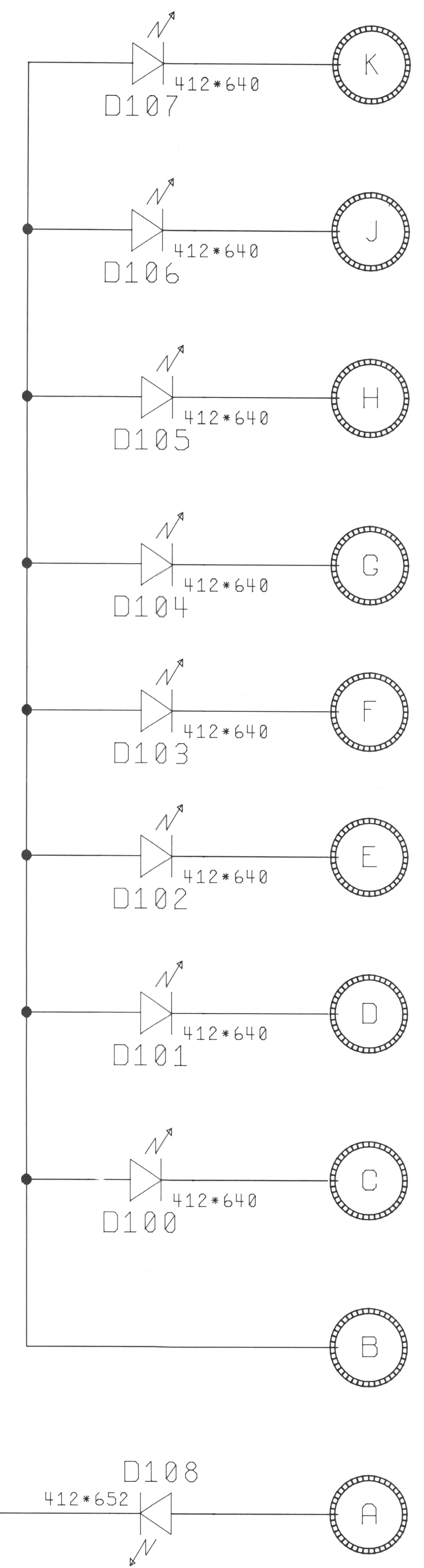
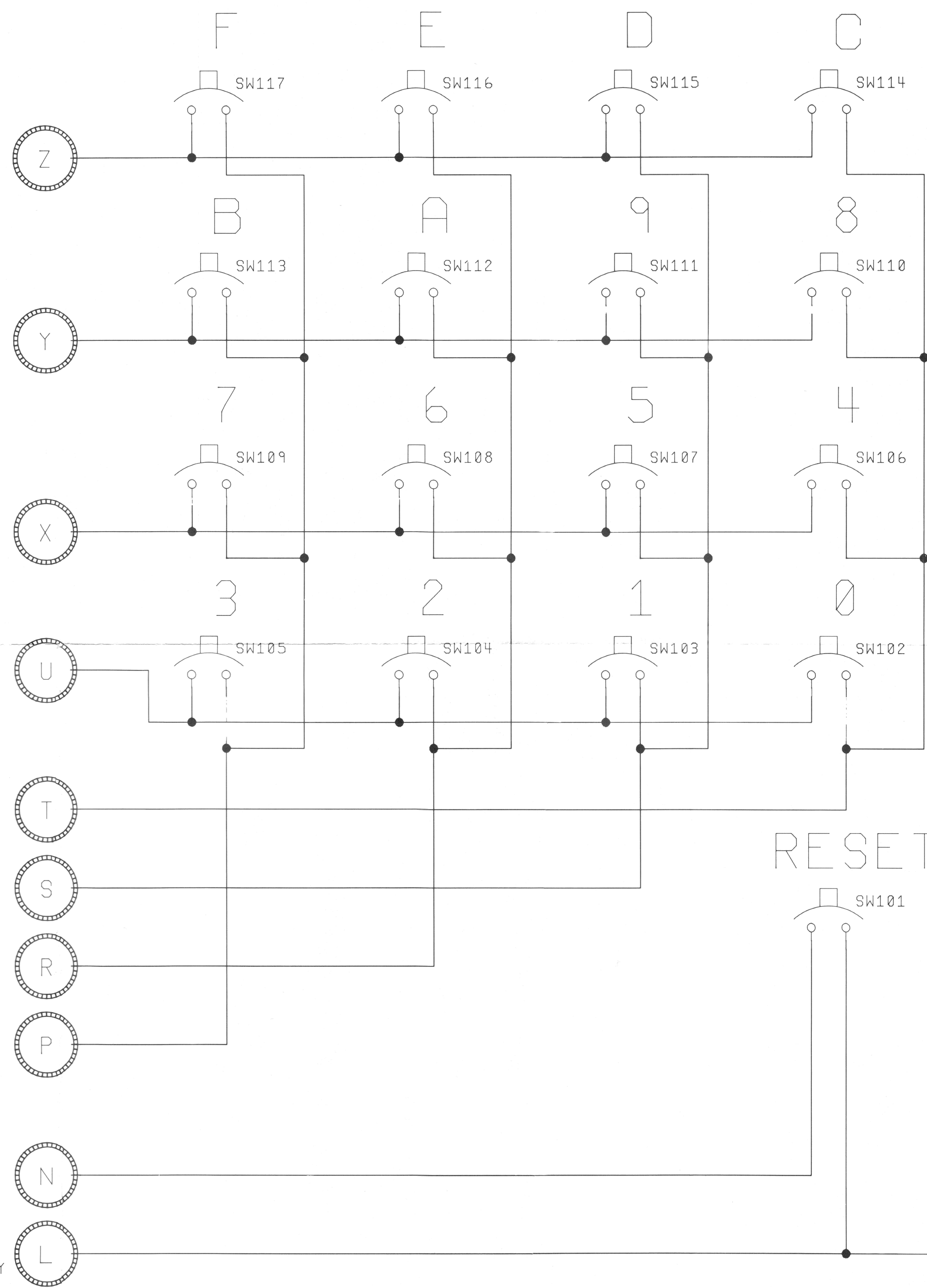
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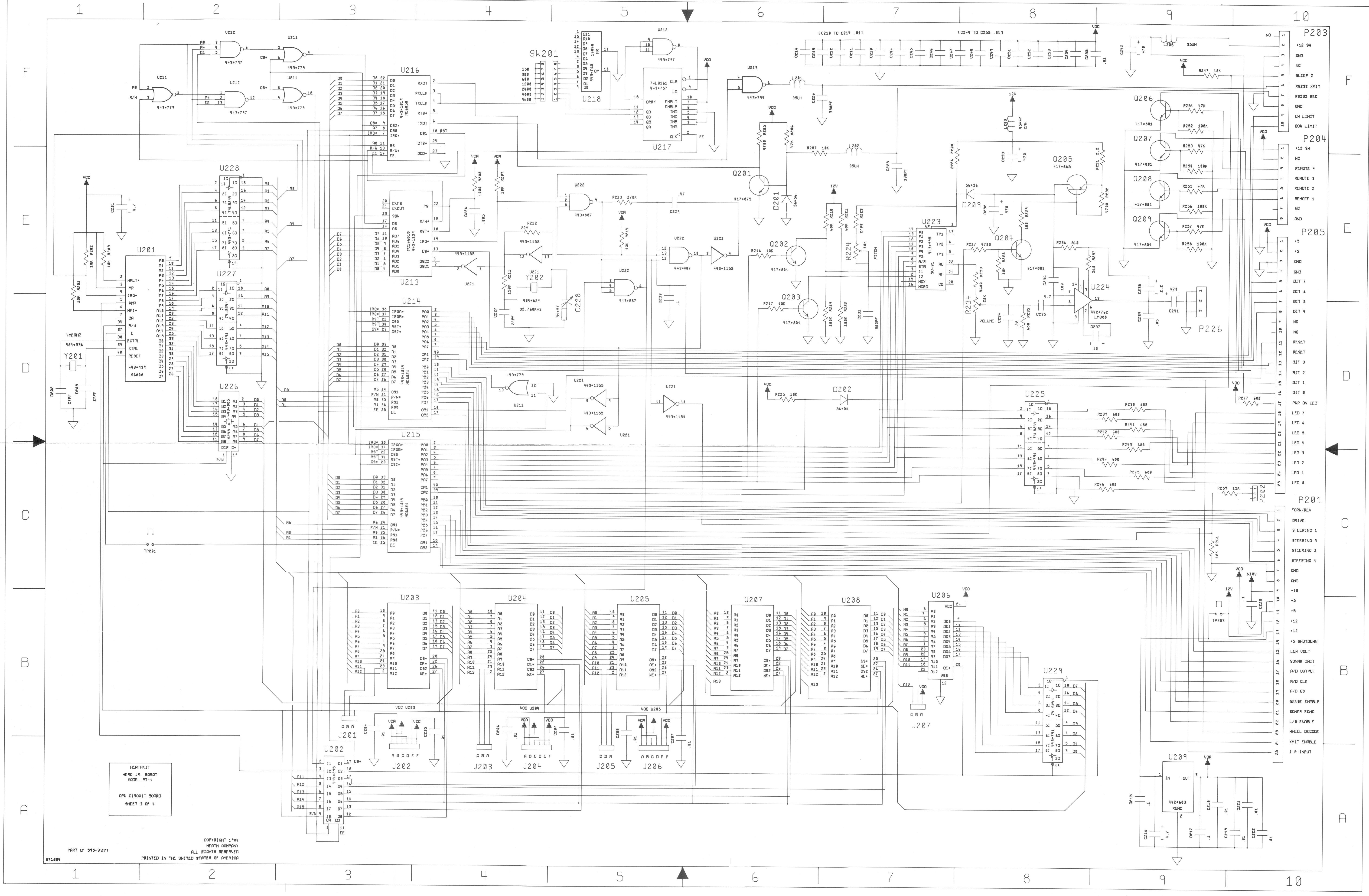
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HEATHKIT
HERO JR. ROBOT
MODEL RT-1
CPU CIRCUIT BOARD
SHEET 3 OF 4

- P203
+12 SW
QND
NO
SLEEP 2
R9232 XM17
QND
QW LIM17
QND LIM17
- P204
+12 SW
NO
REMOTE 4
REMOTE 2
REMOTE 1
QND
- P205
+5
+5
QND
QND
BIT 7
BIT 6
BIT 5
BIT 4
NO
NO
RESET
RESET
BIT 3
BIT 2
BIT 1
BIT 0
PHR QN LED
LED 7
LED 6
LED 5
LED 4
LED 3
LED 2
LED 1
LED 0
- P201
FORM/REV
DRIVE
STEERING 1
STEERING 3
STEERING 2
STEERING 4
QND
QND
-10
-5
+5
+12
+12
+5 SHUTDOWN
LOW VOLT
SONAR INIT
R/D OUTPUT
R/D CLK
R/D CS
SENSE ENABLE
SONAR ECHO
L/S ENABLE
WHEEL DECODE
XM17 ENABLE
I.R. INPUT

